door **5** and the frame **6** opens. Then the gliding parts **3** will be kept in contact with the front surface of the door **5** by the elasticity of the elastic part **8** and will slide back towards the hinged edge of the door **5**, with the gap between the door **5** and the frame **6** being covered by the shield **1**. When, on the contrary, the door **5** is closed, the gliding parts **3**, by the elasticity of the elastic part **8**, will be pressed against the front surface of the door **5**, sliding thereon away from the hinged edge. Since the gap between the door **5** and the frame **6** is covered all the time by the shield **1**, there is no chance for a child or an inadvertent person to get the fingers injured in the closing gap.

Referring to FIGS. **8** and **9**, the present invention in a third embodiment has a shield **1***a*, which is roughly shaped as an L, as viewed from the top, its gliding edge perpendicularly bent towards the front side of the door **5**. Thus, when the door **6** is opened by an angle of 180°, the gliding elements **3** will glide towards the near end of the guiding elements **4**, and the shield **1***a* will not interfere with the movement of the door **5**.

Referring to FIGS. **10** and **11**, the present invention in a fourth embodiment has a shield **1***b*, which is made up of a plurality of plates, which are on their vertical edges hingedly connected to each other. Thus, when the door **6** is opened by an angle of 180°, the plates of the shield **1***b* will be inclined against each other, and the shield **1***a* will not interfere with the movement of the door **5**.

What is claimed is:

1. A protective device in combination with a door comprising:

a shield adapted to cover a gap between an edge of the door and a door frame, said shield having a vertical fixed edge in close proximity to the frame, and a vertical gliding edge in close proximity to a front side of the door, a width between said fixed edge and said gliding edge being larger than the maximum width of the gap;

a plurality of fixing elements attached to said frame, said fixed edge of said shield hinges on said fixing elements; and

a guiding system for guiding said gliding edge of said shield, such that said gliding edge glides on a front side of the door when the door is opened or closed;

a plurality of gliding elements mounted on said gliding edge of said shield;

a plurality of guiding elements, each of said guiding elements having a pair of rails, each of said pairs of rails guiding one of said gliding elements, such that said gliding edge of said shield is kept close to the front side of the door; such that

by always covering the gap with said shield, injuries caused by fingers or limbs being pinched in said gap are prevented.

2. A protective device according to claim **1**, wherein:

said guiding system comprises an elastic element, which exerts an elastic force on said shield, pressing said gliding edge of said shield on the front side of the door.

3. A protective device according to claim **1**, wherein:

said shield is a single plate.

4. A protective device according to claim **1**, wherein:

said gliding edge of said shield is bent towards the front side of the door, such that said shield has an L-shaped cross-section.

5. A protective device according to claim **1**, wherein:

said shield comprises a plurality of plates.

* * * * *